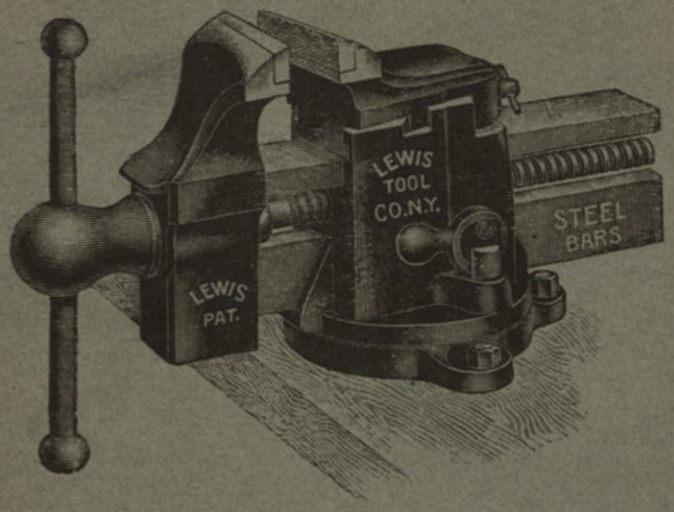
Geller-Ward & Hasner Hdw. Co. #15



LEWIS' PATENT VISES.

"THEY DO NOT BREAK."

Lewis Tool Company,

MAKERS.

No. 44 Barclay Street,

New York, U.S.A.

Catalogue No. 6.

June, 1901.

003935

LEWIS' PATENT

Double Steel Slide Bar

VISES.

"THEY DO NOT BREAK."

Manufactured by

Lewis Tool Company,

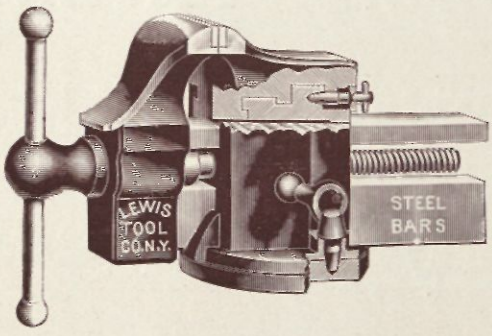
No. 44 Barclay Street,

New York, U.S.A.

Factory: Bridgeport, Conn.

Lewis' Patent

STEEL SLIDE BAR VISES.



Sectional View of Adjustable Back Jaw and Swivel Base.

Our Patent Double Steel Slide Bar Vises possess many improvements which overcome acknowledged defects in other styles of Vises.

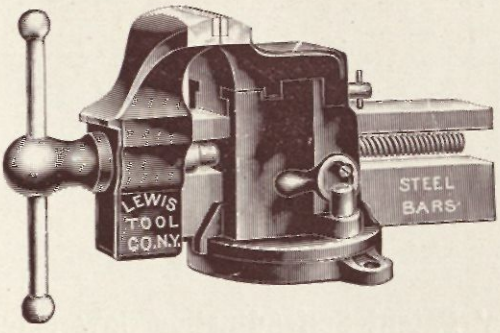
The slides are two flat bars of wrought steel, the upper bar being mounted above the screw with flat surface horizontal, while the other bar is below, having flat surface in perpendicular position to screw, by which arrangement we secure perfect resistance for the jaw, against both sidewise and downward strains and at same time provide against danger of breakage.

The Steel Slide Bars Do Not Break.

The nut is fastened at centre, instead of bottom of vise, and **always lines with screw,** thus adding greatly to firmness of grip. The screw is well protected, but can be oiled without removing slide bars from body of vise.

We make both **solid jaw vises** and **adjustable jaw vises,** and with **stationary** or **swivel bottom,** as may be desired.

The improvement in construction of the **adjustable jaw** will be appreciated at a glance. The hub and supports are made extra strong. The locking-pin is placed at back of jaw, giving sufficient purchase to hold firmly with small strain on pin. The position of pin is entirely out of way, and prevents dirt from entering the hole. Loss of pin is impossible, as it is simply drawn back to shoulder, and not removed when out of lock. Only part of turn is required, after pin is pressed forward, to fasten the jaw firmly in place. The same movement reversed, unlocks, and allows jaw to adjust.



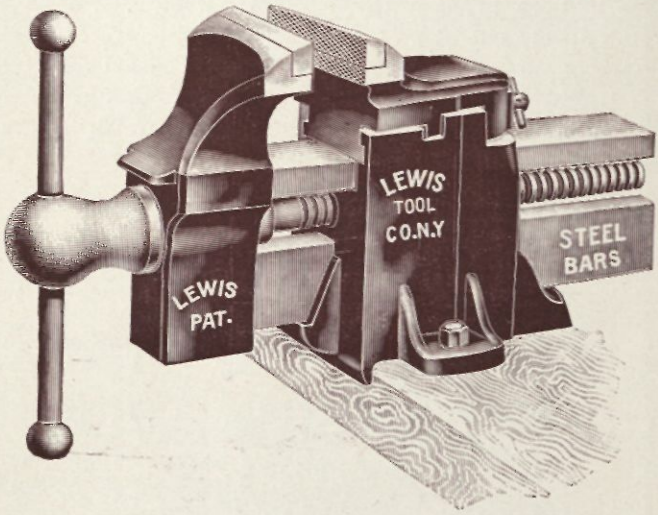
Lewis' Patent Self-Adjusting Jaw

Swivel Bottom Vise.

Our new Patent Swivel Bottom is made with a heavy hub, which is part of the body of the vise, and which passes through bottom plate and takes most of the strain, the bottom set-screw and washer merely holding vise down to plate. They have heavy steel side-locking pins which are moved in or out by an eccentric, which prevents their being thrown out of lock by any possible strain on the vise, but are easily adjusted when desired, and do not depend upon a spring. This makes the strongest and most convenient Swivel Bottom yet devised. All our vises are made of the best material, and are strictly first-class in workmanship and finish.

Lewis' Patent
SELF-ADJUSTING JAW VISES.

For Machinists and Iron Workers Generally.



Lewis' Patent Self-Adjusting Jaw Machinists' Stationary Bottom Vises.

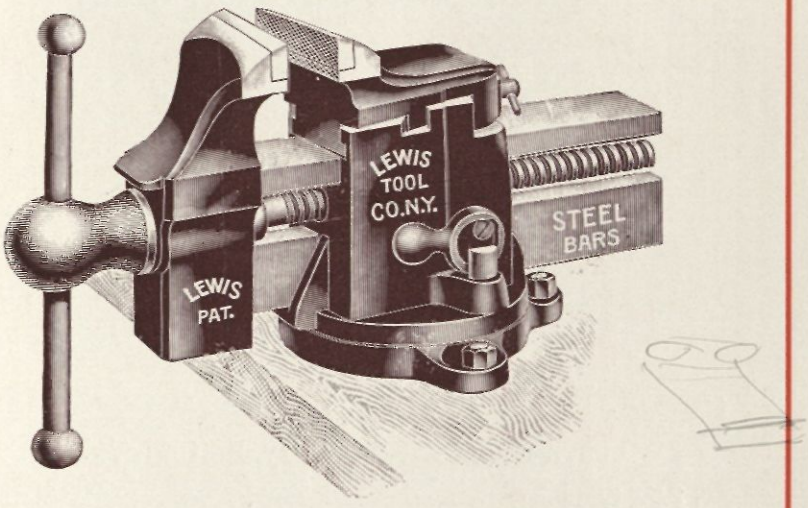
The Steel Slide Bars Do Not Break.

No. 3.	Stationary Bottom, ...	Price $ 5 50
	2½ in. Jaws. Opens 3½ in. Weight 18 lbs.	
No. 5.	Stationary Bottom, ...	Price $ 6 25
	3 in. Jaws. Opens 4 in. Weight 25 lbs.	
No. 7.	Stationary Bottom, ...	Price $ 7 00
	3½ in. Jaws. Opens 5 in. Weight 33 lbs.	
No. 9.	Stationary Bottom, ...	Price $ 9 00
	4 in. Jaws. Opens 6 in. Weight 54 lbs.	
No. 11.	Stationary Bottom, ...	Price $10 50
	4½ in. Jaws. Opens 7 in. Weight 70 lbs.	
No. 13.	Stationary Bottom, ...	Price $16 00
	5 in. Jaws. Opens 8 in. Weight 105 lbs.	
No. 15.	Stationary Bottom, ...	Price $18 00
	5½ in. Jaws. Opens 9 in. Weight 125 lbs.	
No. 17.	Stationary Bottom, ...	Price $24 00
	6½ in. Jaws. Opens 10 in. Weight 165 lbs.	
No. 19.	Stationary Bottom, ...	Price $30 00
	7½ in. Jaws. Opens 12 in. Weight 198 lbs.	

In ordering, use Catalogue numbers. No other description is necessary.

Lewis' Patent
SELF-ADJUSTING JAW VISES.

For Machinists and Iron Workers Generally.



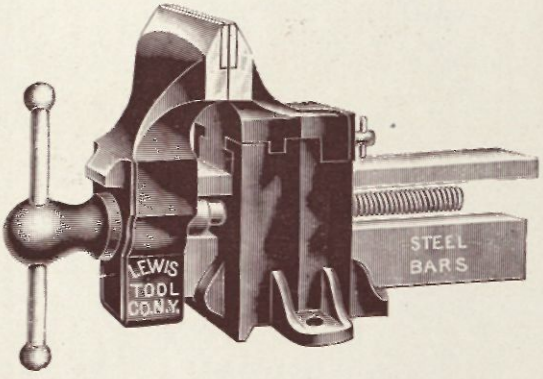
Lewis Patent Self-Adjusting Jaw Machinists' Swivel Bottom Vises.

The Steel Slide Bars Do Not Break.

No. 4.	Patent Swivel Bottom, 2½ in. Jaws. Opens 3½ in. Weight 22 lbs.	Price $ 6 75
No. 6.	Patent Swivel Bottom, 3 in. Jaws. Opens 4 in. Weight 29 lbs.	Price $ 7 50
No. 8.	Patent Swivel Bottom, 3½ in. Jaws. Opens 5 in. Weight 38 lbs.	Price $ 8 50
No. 10.	Patent Swivel Bottom, 4 in. Jaws. Opens 6 in. Weight 60 lbs.	Price $10 50
No. 12.	Patent Swivel Bottom, 4½ in. Jaws. Opens 7 in. Weight 78 lbs.	Price $12 50
No. 14.	Patent Swivel Bottom, 5 in. Jaws. Opens 8 in. Weight 120 lbs.	Price $18 00
No. 16.	Patent Swivel Bottom, 5½ in. Jaws. Opens 9 in. Weight 142 lbs.	Price $21 00
No. 18.	Patent Swivel Bottom, 6½ in. Jaws. Opens 10 in. Weight 185 lbs.	Price $27 00
No. 20.	Patent Swivel Bottom, 7½ in. Jaws. Opens 12 in. Weight 222 lbs.	Price $35 00

In ordering, use Catalogue numbers. No other description is necessary.

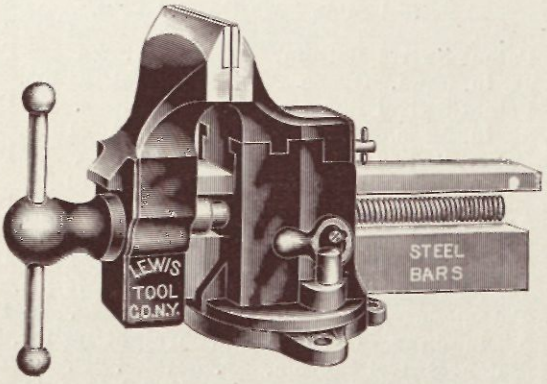
Lewis' Patent
SELF-ADJUSTING JAW
Wood-Workers' Vises.



Coach-Makers' Stationary Bottom Vise.

No. 25. Stationary Bottom, ... Price $10 00
4½ in. Jaws. Opens 9 in. Weight 62 lbs.

The Steel Slide Bars Do Not Break.

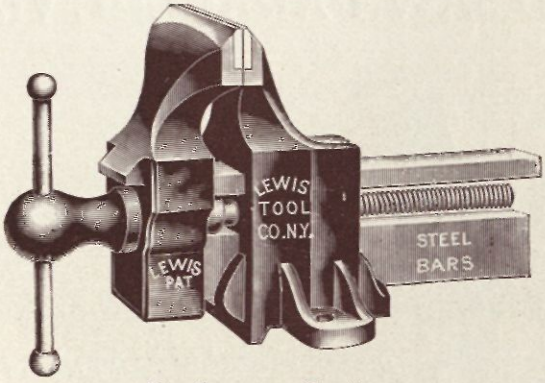


Coach-Makers' Patent Swivel Bottom Vise.

No. 26. Patent Swivel Bottom, ... Price $12 00
4½ in. Jaws. Opens 9 in. Weight 67 lbs.

In ordering, use Catalogue numbers. No other description is necessary.

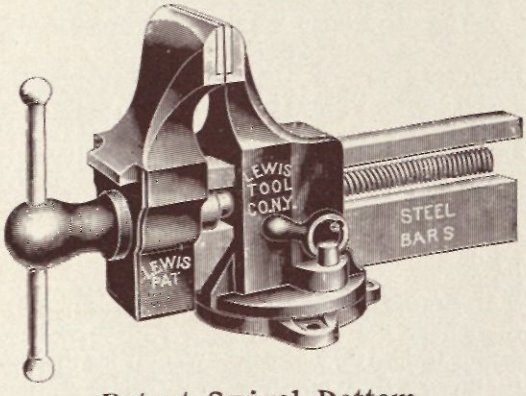
Lewis' Patent Solid Jaw
WOOD=WORKERS' VISES.



Stationary Bottom,
Coach-Makers' Solid Jaw Parallel Vise.

The Steel Slide Bars Do Not Break.

No. 55. Stationary Bottom, ... Price $9 50
4½ in. Jaws. Opens 9 in. Weight 55 lbs.

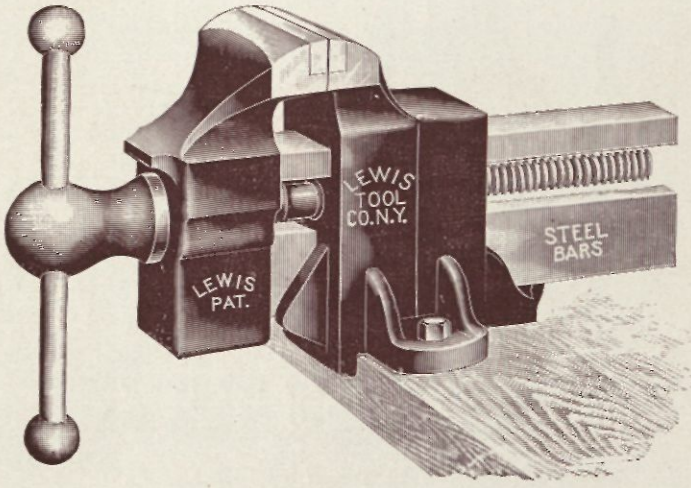


Patent Swivel Bottom,
Coach-Makers' Solid Jaw Parallel Vise.

No. 56. Patent Swivel Bottom, ... Price $12 50
4½ in. Jaws. Opens 9 in. Weight 64 lbs.

In ordering, use Catalogue numbers. No other description is necessary.

Lewis' Patent
SOLID JAW PARALLEL VISES.



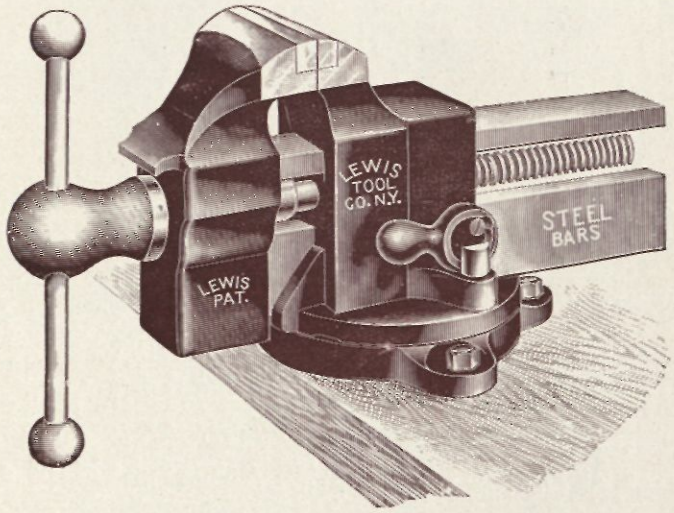
Stationary Bottom, Machinists' Solid Jaw Vise.

The Steel Slide Bars Do Not Break.

No. 35.	Stationary Bottom, ... 3 in. Jaws. Opens 4 in. Weight 22 lbs.	Price $ 6 00
No. 37.	Stationary Bottom, ... 3½ in. Jaws. Opens 5 in. Weight 28 lbs.	Price $ 7 00
No. 39.	Stationary Bottom, ... 4 in. Jaws. Opens 6 in. Weight 48 lbs.	Price $ 8 50
No. 41.	Stationary Bottom, ... 4½ in. Jaws. Opens 7 in. Weight 60 lbs.	Price $10 00
No. 43.	Stationary Bottom, ... 5 in. Jaws. Opens 8 in. Weight 82 lbs.	Price $13 50
No. 45.	Stationary Bottom, ... 5½ in. Jaws. Opens 9 in. Weight 103 lbs.	Price $18 50
No. 47.	Stationary Bottom, ... 6½ in. Jaws. Opens 10 in. Weight 135 lbs.	Price $25 00
No. 49.	Stationary Bottom, ... 7½ in. Jaws. Opens 12 in. Weight 188 lbs.	Price $35 00

In ordering, use Catalogue numbers. No other description is necessary.

Lewis' Patent
SOLID JAW PARALLEL VISES.



Patent Swivel Bottom, Machinists' Solid Jaw Vise.

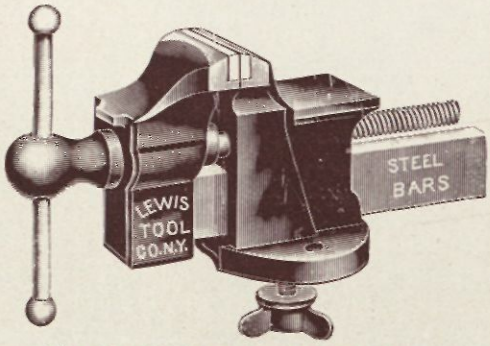
The Steel Slide Bars Do Not Break.

No. 34.	Patent Swivel Bottom, ... 3 in. Jaws. Opens 4 in. Weight 26 lbs.	Price $ 7 50
No. 36.	Patent Swivel Bottom, ... 3½ in. Jaws. Opens 5 in. Weight 36 lbs.	Price $ 9 00
No. 38.	Patent Swivel Bottom, ... 4 in. Jaws. Opens 6 in. Weight 56 lbs.	Price $11 50
No. 40.	Patent Swivel Bottom, ... 4½ in. Jaws. Opens 7 in. Weight 68 lbs.	Price $13 50
No. 42.	Patent Swivel Bottom, ... 5 in. Jaws. Opens 8 in. Weight 93 lbs.	Price $17 50
No. 44.	Patent Swivel Bottom, ... 5½ in. Jaws. Opens 9 in. Weight 120 lbs.	Price $24 00
No. 46.	Patent Swivel Bottom, ... 6½ in. Jaws. Opens 10 in. Weight 150 lbs.	Price $32 00
No. 48.	Patent Swivel Bottom, ... 7½ in. Jaws. Opens 12 in. Weight 214 lbs.	Price $40 00

In ordering, use Catalogue numbers. No other description is necessary.

Lewis' Patent
STEEL BAR HANDY VISES.

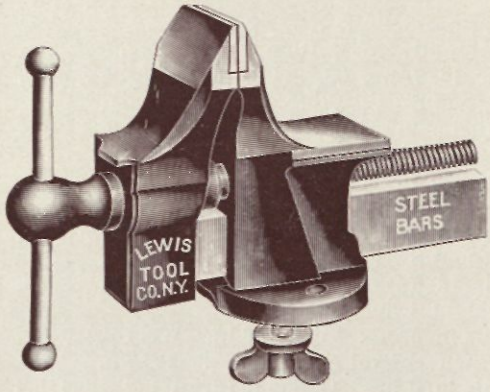
Polished Anvil and Swivel Base. Best Low Cost Vise Made.
Jaws Finely Tempered and Checked.
Handsomely Finished.



The Steel Slide Bars Do Not Break.

No. 94.	Swivel Bottom, ... 2½ in. Jaws. Opens 3 in. Weight 11 lbs.	Price $ 2 50
No. 95.	Swivel Bottom, ... 3½ in. Jaws. Opens 4 in. Weight 18 lbs.	Price $ 3 50
No. 96.	Swivel Bottom, ... 4¼ in. Jaws. Opens 6 in. Weight 32 lbs.	Price $ 5 00

Handy Wood-Workers' Vise.

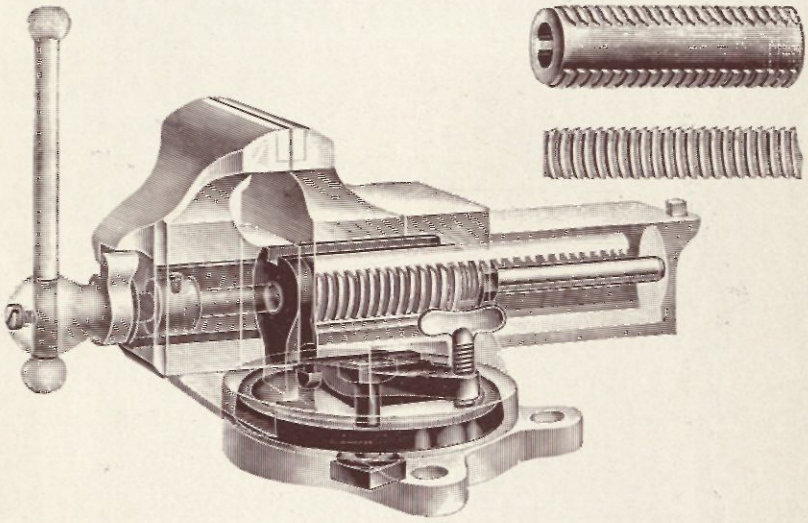


Coach-Makers' Swivel Bottom Vise.

No. 93.	Swivel Bottom, ... 4½ in. Jaws. Opens 9 in. Weight 44 lbs.	Price $ 6 50

In ordering, use Catalogue numbers. No other description is necessary.

Lewis' Patent
QUICK=ACTING VISES.



Internal View Lewis' Quick-Acting Vise.

Made with Interrupted Thread like the Breech Block of a Gun.

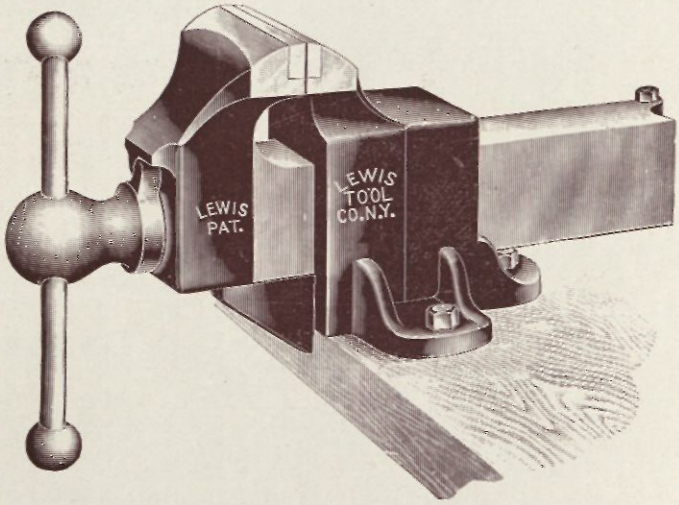
These Vises are **extremely simple** in construction, having only **one** more piece than ordinary screw vises. They do not depend on springs or other fragile devices to operate them. Turning the lever to the left frees the screw, when jaws can instantly be opened or closed full length, at will. The screw will engage at any point. Only **one-quarter turn** of lever required to secure work, or to open the jaws. They are positive in action and as **durable, powerful** and **tenacious** as any screw vises. They commence to draw as soon as you start the lever and have sufficient take up for any kind of work. They have very long bearing surface on threads and cannot get out of order nor **slip.**

Our new Patent Swivel Bottom will hold vise securely in any position, and is the most convenient device ever offered for this purpose.

Three years' constant use of these Vises in some of the largest and best equipped shops in this country result in entire satisfaction to the users, and develops no wear on any of the vise parts.

We guarantee that this Vise shall give full satisfaction.

Lewis' Patent
Quick=Acting Machinists' Vises.



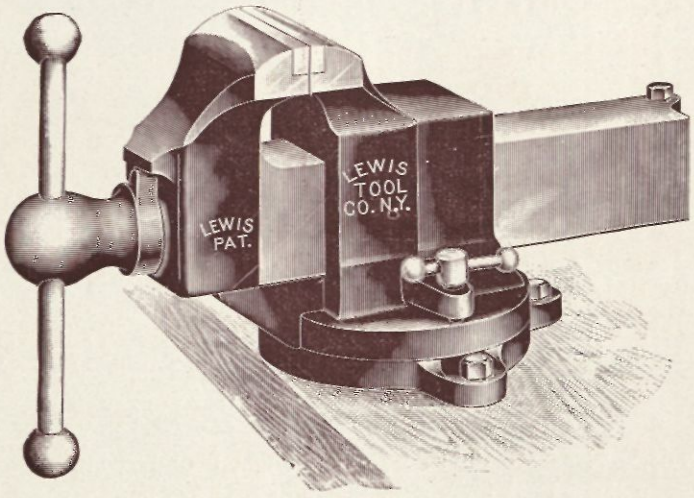
Stationary Bottom,
Machinists' Quick-Acting Parallel Vise.

No. 121.	Stationary Bottom, ... 3½ in. Jaws. Opens 5 in. Weight 32 lbs.	Price $ 8 50
No. 123.	Stationary Bottom, ... 4 in. Jaws. Opens 6 in. Weight 44 lbs.	Price $10 50
No. 125.	Stationary Bottom, ... 4½ in. Jaws. Opens 7 in. Weight 60 lbs.	Price $12 50
No. 127.	Stationary Bottom, ... 5 in. Jaws. Opens 8 in. Weight 75 lbs.	Price $18 00
No. 129.	Stationary Bottom, ... 5½ in. Jaws. Opens 9 in. Weight 100 lbs.	Price $22 00
No. 131.	Stationary Bottom, ... 6½ in. Jaws. Opens 10 in. Weight 130 lbs.	Price $30 00

In ordering, use Catalogue numbers. No other description is necessary.

Lewis' Patent

Quick=Acting Machinists' Vises.

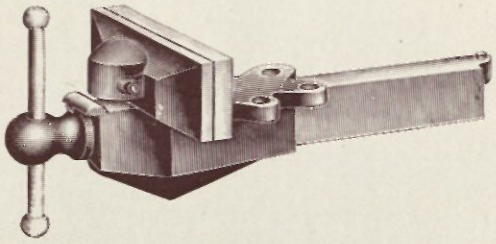


Patent Swivel Bottom, Machinists' Quick-Acting, Parallel Vise.

No. 120.	Patent Swivel Bottom, ... 3½ in. Jaws. Opens 5 in. Weight 36 lbs.	Price $10 00
No. 122.	Patent Swivel Bottom, ... 4 in. Jaws. Opens 6 in. Weight 53 lbs.	Price $12 50
No. 124.	Patent Swivel Bottom, ... 4½ in. Jaws. Opens 7 in. Weight 68 lbs.	Price $15 00
No. 126.	Patent Swivel Bottom, ... 5 in. Jaws. Opens 8 in. Weight 87 lbs.	Price $21 00
No. 128.	Patent Swivel Bottom, ... 5½ in. Jaws. Opens 9 in. Weight 122 lbs.	Price $26 00
No. 130.	Patent Swivel Bottom, ... 6½ in. Jaws. Opens 10 in. Weight 150 lbs.	Price $34 00

In ordering, use Catalogue numbers. No other description is necessary.

Lewis' Patent QUICK-ACTING VISES FOR CABINET MAKERS.



Self-Adjusting Jaw, Wood-Workers' Vise.

These Vises are devised to be fastened underneath the work-bench, leaving jaws flush with top, and they are adapted to holding every description of wood-work.

Construction and action is similar to the Machinists' Quick-Acting Vises described on page 11.

They are by far the heaviest and strongest Cabinet-Makers' Vises made, having longer opening and wider jaws than other makes. The front jaw is self-adjusting, enabling the operator to hold intricate shapes, as readily as the plainest work. Each Vise is provided with a locking-pin for holding the adjustable jaw stationary, when so desired.

We guarantee this to be very much the best Wood-Workers' Vise ever offered.

No. 135.	Cabinet-Makers' Vise. . . . . 10 in. Jaws. Opens 12 in. Weight 60 lbs.	Price $14 00
No. 137.	Cabinet-Makers' Vise, ... 14 in. Jaws. Opens 16 in. Weight 85 lbs.	Price $20 00

In ordering, use Catalogue numbers. No other description is necessary.

Price List Extra Parts.

SELF-ADJUSTING JAW VISES.

VISE NUMBER.	BODY.	FRONT JAW.	BACK JAW.	SCREW AND LEVER.	NUT.	SWIVEL BASE.	ECCENTRIC LEVER.	ECCENTRIC LEVER PIN.
3	1 25	1 75	1 25	1 00	25	....	..	..
5	2 00	2 00	1 50	1 00	30	....	..	..
7	2 00	2 50	1 75	1 25	35	....	..	..
9	3 00	3 00	2 00	1 25	40	....	..	..
11	3 50	3 50	2 25	1 50	50	....	..	..
13	5 00	5 00	3 00	1 75	60	....	..	..
15	6 00	5 75	3 75	2 00	75	....	..	..
17	8 00	7 50	5 00	2 50	90	....	..	..
19	11 00	11 00	6 00	3 00	1 00	....	..	..
25	3 50	3 50	2 25	1 50	50	....	..	..
4	1 75	1 75	1 25	1 00	25	1 00	20	20
6	2 25	2 00	1 50	1 00	30	1 00	20	20
8	2 50	2 50	1 75	1 25	35	1 00	25	25
10	3 50	3 00	2 00	1 25	40	1 25	25	25
12	4 25	3 50	2 25	1 50	50	1 50	30	30
14	5 50	5 00	3 00	1 75	60	2 00	40	40
16	7 00	5 75	3 75	2 00	75	2 50	50	50
18	8 50	7 50	5 00	2 50	90	3 00	60	60
20	12 00	11 00	6 00	3 00	1 00	4 00	60	60
26	4 00	3 50	2 25	1 50	50	1 50	30	30

Solid Jaw Vises.

VISE NUMBER.	BODY.	FRONT JAW.	SCREW AND LEVER.	NUT.	SWIVEL BASE.	ECCENTRIC LEVER.	ECCENTRIC LEVER PIN.
35	2 00	1 75	1 00	30	....	..	..
37	2 25	2 25	1 25	35	....	..	..
39	2 50	2 75	1 50	40	....	..	..
41	3 25	3 50	1 50	50	....	..	..
43	4 00	4 50	1 75	60	....	..	..
45	5 00	5 50	2 25	75	....	..	..
47	6 50	7 50	3 00	90	....	..	..
49	9 00	10 00	3 50	1 00	....	..	..
55	3 25	3 50	1 50	50	....	..	..
34	2 25	1 75	1 00	30	75	20	20
36	2 50	2 25	1 25	35	1 00	25	25
38	3 00	2 75	1 50	40	1 25	25	25
40	3 50	3 50	1 50	50	1 25	30	30
42	4 50	4 50	1 75	60	1 50	40	40
44	5 75	5 50	2 25	75	2 00	50	50
46	7 25	7 50	3 00	90	2 50	60	60
48	10 00	10 00	3 50	1 00	3 50	60	60
56	3 50	3 50	1 50	50	1 25	30	30

Price List Extra Parts.

LEWIS' QUICK-ACTING VISES.

VISE NUMBER.	BODY.	FRONT JAW.	SCREW BAR AND LEVER.	RACK.	WORM.	SWIVEL BASE.	BASE LEVER & SCREW.	ADJ. FRONT JAW.
121	3 00	3 75	1 50	1 50	1 50	....	....	....
123	4 00	5 00	1 75	1 75	1 75	....	....	....
125	4 75	6 00	2 25	2 25	2 25	....	....	....
127	5 75	7 50	2 75	2 75	2 75	....	....	....
129	7 00	9 00	3 50	3 50	3 50	....	....	....
131	9 50	12 00	4 00	4 00	4 00	....	....	....
120	3 00	3 75	1 50	1 50	1 50	1 00	1 00	....
122	4 00	5 00	1 75	1 75	1 75	1 25	1 25	....
124	4 75	6 00	2 25	2 25	2 25	1 50	1 50	....
126	5 75	7 50	2 75	2 75	2 75	2 00	2 00	....
128	7 00	9 00	3 50	3 50	3 50	2 50	2 75	....
130	9 50	12 00	4 00	4 00	4 00	3 00	3 50	....
135	4 50	6 00	2 00	3 00	2 00	....	....	2 00
137	6 50	9 00	3 00	4 00	3 00	....	....	2 50

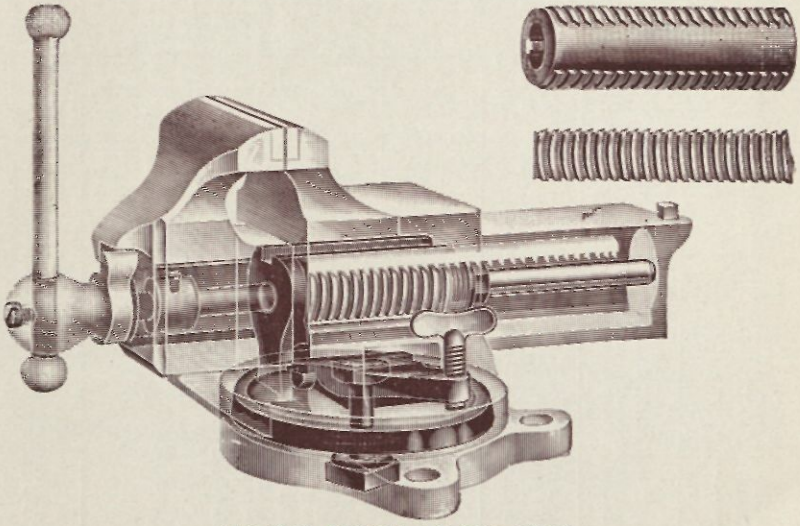
"HANDY VISES."

VISE NUMBER.	BODY.	FRONT JAW.	SCREW AND LEVER.	THUMB NUT, BOLT & WASHER
93	2 50	2 25	1 25	20
94	1 00	1 00	40	20
95	1 25	1 25	50	20
96	1 75	1 75	75	25

When practical, we advise returning Vises for repair to Factory,

Bridgeport, Conn.

They will be made equal to new at trifling increased cost.



LEWIS' QUICK-ACTING VISE.